

10/537,883

Response to Notice of Non-compliant Appeal Brief

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appellants:	Kaus et al.	Docket Number:	DE020307
Serial Number:	10/537,883	Examiner:	Nguyen, Phu K.
Filing Date:	June 7, 2005	Art Unit:	2628
Title:	Method of segmenting a three-dimensional data set allowing user corrections		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Response to Notice of Non-compliant Appeal Brief

This response follows a Notice of Non-compliant Appeal Brief mailed from the U.S. Patent and Trademark Office on December 4, 2007. Applicants believe that no fee is due with respect to this response.

Amended section for Appeal Brief begins on p. 2.

Remarks begin on p. 3.

Amendment to Appeal Brief

Please replace section five of the Appeal brief submitted November 14, 2007 with the section below:

5. Summary of claimed subject matter

Claim 1 is directed to a method of segmenting a three-dimensional structure from a three-dimensional, and in particular medical, data set while making allowance for user corrections (Specification as filed p. 1 lines 1-3). The method includes the steps of: providing a three-dimensional deformable model (M) whose surface is formed by a network of meshes that connect nodes at the surface of the model (Specification as filed p. 2 lines 31-32); positioning the model (M) at a point in a three-dimensional data set at which the structure to be segmented is situated (Specification as filed p. 2 lines 33-34); manual displacement of nodes (Specification as filed p. 3 line 1); and re-calculation of the nodes of the model (M) in weighted consideration of the nodes that have been displaced manually (Specification as filed p. 3 lines 2-3).

Remarks

A Notice of Non-compliant Appeal Brief was mailed December 4, 2007 from the U.S. Patent and Trademark Office. This Notice states that the summary of the claimed subject matter section of the Appeal Brief submitted November 14, 2007 does not map the independent claim on appeal explicitly to the specification by page and line numbers and to the drawings if any. The Notice also states that Applicant may choose to submit only the defective section of the Appeal Brief.

In response to the Notice of Non-compliant Appeal Brief, Applicants respectfully submit this response, amending the summary of the claimed subject matter section of the Appeal Brief to show support in the specification as filed for the independent claim on appeal.

Respectfully submitted,



Sonia K. Guterman, Reg. No. 44,729

Adam M. Schoen, Reg. No. 58,576

Lawson & Weitzen, LLP

88 Black Falcon Ave., Suite 345

Boston, Massachusetts 02210-2481

Tel: (617) 439-4990

Fax: (617) 439-3987

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